Hardware and Software

{Enter Your Name}

{Enter your class name}

{Enter your instructor’s name}

# 1A APPLY Comment on Computers and Communication

1. Discuss with your class or team the many different DigiTools. Answer these questions:

* What is the first thing you remember doing with a computer?
* Which digital communication tools do you use most and why?
* What peripheral tools have you used? Have you ever used a scanner, a speech or recording headset or microphone, an artist drawing or writing tablet, or a digital camera? If so, what work or activity did you do with these tools?
* Have you seen anyone use the following devices: smart phone (such as an iPhone, a Treo, or a BlackBerry), digital video recorder, desktop PC, laptop PC, handheld computer, Tablet PC, or Global Positioning System (GPS)?
* Have you ever used a DigiTool such as an iPod or MP3 player, a digital video recorder, a cell phone, or a game console just for entertainment reasons?

If you have a wireless phone:

* + What games can you play on your phone?
  + Can you download music, ringtones, and web pages on your phone?
  + Does your phone have fingertip (multi-touch) control (like the iPhone) or a number pad for text messaging?
  + What do you like most about your phone?
  + What do you not like about your phone? What would you improve if you could?

2. Study the typical computer system shown in Figure 1.4. Discuss these questions:

* Is it nearly the same as the computer system you will be using?

* In what ways might it be different?
* Do you have a computer at home? If so,, what is it like?

# 1B APPLY: Software Suggestions

Can you suggest to a friend the name of an application or online app he or she can use to solve specific problems? There are so many to choose from. You can often guess the use of a program from its name. A few commonly used applications and apps are listed below. Match the program name with its use.

a. *Spider Solitaire* \_\_\_ 1. Word processing

b. *Intuit QuickBooks* \_\_\_ 2. Web page creation software

c. *Blogger* \_\_\_ 3. Popular game

d. *Microsoft Word* \_\_\_ 4. Drawing program

e. *Internet Explorer* \_\_\_ 5. Internet/web browser

f. *iTunes* \_\_\_ 6. Accounting program

g. *Google Page Creator* \_\_\_ 7. Image editing software

h. *Paint* \_\_\_ 8. Music sharing software

i. *Photoshop* \_\_\_ 9. Online opinion, news, and information sharing software.

# 1C APPLY: Information Processing and Photo Editing

When you bring photos from a digital camera to your computer, you may do all five of the information processing steps. Match the tasks listed below with the five information processing steps.

a. Input \_\_\_ 1. Viewing your photo on the screen

b. Processing \_\_\_2. Transferring your picture from a camera or cell phone to a computer

c. Output \_\_\_3. Saving a copy of the photo in an online photo gallery

d. Distribution \_\_\_ 4. Attaching the photo to an e-mail or text message and sending it to a friend

e. Storage \_\_\_ 5. Using software to enhance or improve the photo